

WHAT IS CLAIMED IS:

1. An image sensing apparatus comprising:
a plurality of pixels;
a first calculating portion which creates
5 correction data by performing computation using signals
which are acquired by image sensing in an unexposed
state and smaller in number than said plurality of
pixels; and
a second calculating portion which corrects image
10 data of said plurality of pixels, acquired by image
sensing in an exposed state, by using the correction
data.
2. The apparatus according to claim 1, wherein said
first calculating portion changes the number of signals
15 to be used for creation of correction data in
accordance with a sensitivity condition set at the time
of image sensing.
3. The apparatus according to claim 1, wherein in
that said plurality of pixels are arrayed in the
20 horizontal direction and the vertical direction, and
said first calculating portion creates the correction
data by vertically mixing signals from pixels which are
smaller in number than said plurality of pixels and
arrayed in the horizontal direction and the vertical
25 direction.
4. The apparatus according to claim 3, further
comprising an amplifier for each array of pixels

arrayed in the vertical direction, wherein said first
calculating portion creates the correction data by
vertically mixing signals from pixels, which are
smaller in number than said plurality of pixels and
5 arrayed in the horizontal direction and the vertical
direction, through the corresponding amplifiers.

5. The apparatus according to claim 1, wherein said
first calculating portion operates in accordance with
ON operation of a power switch of the image sensing
10 apparatus.

6. A control method for an image sensing apparatus
having a plurality of pixels, comprising:

a first calculating step which creates correction
data by performing computation using signals which are
15 acquired by image sensing in an unexposed state and
smaller in number than said plurality of pixels; and

a second calculating step which corrects image
data of said plurality of pixels, acquired by image
sensing in an exposed state, by using the correction
20 data.

7. A control program for causing a computer to
realize a control method defined in claim 6.

8. A storage medium storing a control program for
causing a computer to realize a control method defined
25 in claim 6.